

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF THE SOUTH HOPKINS	)	
WATER DISTRICT, OF HOPKINS AND CALDWELL	)	
COUNTIES, KENTUCKY, FOR A CERTIFICATE	)	
OF PUBLIC CONVENIENCE AND NECESSITY,	)	
AUTHORIZING AND PERMITTING SAID WATER	)	CASE NO. 90-115
DISTRICT TO CONSTRUCT A WATERWORKS	)	
CONSTRUCTION PROJECT, CONSISTING OF	)	
EXTENSIONS, ADDITIONS, AND IMPROVEMENTS	)	
TO THE EXISTING WATERWORKS SYSTEM OF	)	
THE DISTRICT	)	

O R D E R

IT IS ORDERED that South Hopkins Water District ("South Hopkins") shall file an original and 10 copies (two copies of engineering-related materials) of the following information with the Commission with a copy to all parties of record no later than September 6, 1990. If the information cannot be provided by this date, South Hopkins should submit a motion for an extension of time stating the reason a delay is necessary and include a date by which it will be furnished. Such motion will be considered by the Commission. South Hopkins shall furnish with each response the name of the witness who will be available at the public hearing for responding to questions concerning each item of information requested.

1. Provide a highway map at a scale of at least one inch equals two miles marked to show South Hopkins' existing and proposed systems. The map of the systems shall show pipeline

sizes, location, and connections as well as pumps, water storage tanks, and sea level elevations of key points. The map shall also be marked to show the location of the water district's boundaries and labeled to indicate the appropriate court order from which each boundary was determined.

2. Provide detailed information on the number of customers served by the existing system. What is the average and the maximum demand imposed on the system by these customers?

3. The application shows that 54 customers are to be added by the new construction. What will be the average and maximum demand imposed on the system by these 54 customers? What will be the average and maximum demand imposed on the system at the time both existing and new customers are being served after completion of construction?

4. Provide a summary of any operational deficiencies of the existing water system that are indicated by the hydraulic analyses or that are known.

5. Provide a copy of the pump manufacturer's characteristic (head/capacity) curve on which the design of the proposed pump station is based.

6. A complete evaluation of South Hopkins' proposed construction requires the filing of more comprehensive hydraulic information. South Hopkins shall provide hydraulic analyses for the proposed system, supported by computations. Computations are to be documented by a labeled schematic map of the system that shows pipelines sizes, lengths, connections, pumps, and sea level

elevation of key points, as well as allocations of actual customer demands. Flows used in the analyses shall be identified as those based on average or peak instantaneous flows, or any combination or variation thereof. Provide a pressure recording chart showing the actual 24-hour continuous measured pressure available at each point of proposed connection to the existing system.

7. Provide a copy of bid tabulation whenever the bids are received.

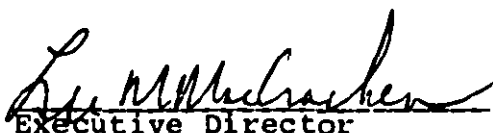
8. Provide a copy of the final summation of the total cost of construction and funding arrangements referred to as Final Engineering Report.

Done at Frankfort, Kentucky, this 16th day of August, 1990.

PUBLIC SERVICE COMMISSION

  
For the Commission

ATTEST:

  
Executive Director